

ELIGIBILITY

The STC is interdisciplinary and is open to all faculty members of degree level engineering colleges from CSE, IT, EE, ECE, ME Production, Math's, Physics and Computer Science Applications departments. Research Scholars and industry personnel working in the concerned areas are also eligible.

HOW TO APPLY

Applicants can fill the registration form only in **online mode** available at <http://it.gndec.ac.in/STC>

After successful registration, pdf form will be generated and applicants are required to download the form and send the form duly signed from sponsoring organization to amit_kamra@gndec.ac.in before deadline along with scanned copy of Demand Draft/Cheque.

Last date for receipt of Application: [28.02.2018](#)
Date of Intimation
Regarding final Selection: [02.03.2018](#)

Brochure can also be downloaded from our website: <http://it.gndec.ac.in/STC>.

ADDRESS FOR CORRESPONDENCE

Dr. Amit Kamra (Asstt. Prof.)

Contact: - 98142-29753

Department of Information Technology

Guru Nanak Dev Engineering College

Gill Road, Gill Park, Ludhiana

Punjab-141006

Email: - amit_kamra@gndec.ac.in

REGISTRATION

There is no registration fee for the STC but an amount of Rs 1000 (Refundable) in form of Cheque/DD in favour of Principal GNDEC payable at Ludhiana is required. The above amount will be refunded to the participant if he/she attends the STC. In case a participant does not attend the STC, the above amount will be forfeited.

TRANSPORT, BOARDING & LODGING

All outstation Participants are entitled for normal Bus fare/2nd class (Sleeper Class) or AC railway fare to and fro by the shortest route from their college to GNDEC, Ludhiana. Limited accommodation will be provided in the students Hostels or Guest House on sharing basis (subject to availability).

CHIEF PATRON

Dr. Sehijpal Singh

(Principal, GNDEC)

Convener

Dr. K.S. Mann, HOD (IT)

Coordinators

**Dr. Akshay Girdhar,
Professor (IT)**

**Dr. Amit Kamra,
Asstt. Prof (IT)**

ONE WEEK QIP SHORT TERM COURSE

ON

“Insights of Image Processing and their Recent Trends”



March 7, 2018- March 11, 2018

Organized by

**Department of Information
Technology**

**Guru Nanak Dev Engineering College
Ludhiana, Punjab-141006**

**Email: amit_kamra@gndec.ac.in
Contact: -98142-29753**

ABOUT THE INSTITUTE

Guru Nanak Dev Engineering College (GNDEC), Ludhiana is one of the oldest and a premier Engineering Institute of India straining persistently in the field of education by comprehending the need for upliftment of rural youth in highly competitive, technologically elevated society and understanding the thirst for knowledge of students and quenching it in general. The foundation stone of the college was laid by Honorable Dr. Rajendra Prasad Ji, President of India on 8th April, 1956. The institution runs seven B.Tech., thirteen M.Tech., MBA and MCA besides being a QIP centre for Ph.D.

The College is affiliated with I.K. Gujral Punjab Technical University (IKGPTU). This is the first Engineering College of Punjab, which was conferred Autonomous Status by University Grants Commission(UGC), New Delhi in 2012 under section 2(f) and 12(B) of UGC Act 1956. Institution is accredited by National Assessment and Accreditation Council (NAAC) (A Grade) and TCS. The institute is set up on 88 acres of sprawling pristine land on Ludhiana-Malerkotla highway in Punjab.

ABOUT THE DEPARTMENT

The department of Information Technology in Guru Nanak Dev Engineering College, Ludhiana was established in 2001. The mission of the Department of Information Technology is to impart high quality post graduate and undergraduate education and carry out leading-edge research in the discipline of Information Technology. The department currently runs academic program leading to the award of B.Tech. in Information Technology degree of I.K.G Punjab Technical University Jalandhar. The B.Tech (IT) program of department has been accredited twice by the National Board of Accreditation.

ABOUT STC

This STC aims at providing strong theoretical background along with practical experience in the field of Image Processing (IP). It will lay stress on visualization and analysis of the images that could be efficiently done with the help of image processing tools. In addition, the STC will enable participants to get an idea of several applications of the image processing that could be further useful in their future research endeavor.

MAJOR COURSE CONTENTS

- Fundamental of IP (in spatial and Frequency domain)
- Image Degradation and restoration
- Image Enhancement
- Digital Image Filtering
- Segmentation and Object Localization.
- Hands-on Experiences in MATLAB
- Research areas of Image Processing

RESOURCE PERSON

Eminent Speakers from

- IKGPTU, Jalandhar
- Thapar Univ. Patiala
- UIET, Chandigarh.
- GNDEC , Ludhiana

will be handling the sessions.

One Week QIP Short Term Course on

‘Insights of Image Processing and their Recent Trends’

Name (in block letters): _____

Designation: _____

Department: _____

Cheque/DD No: _____

Organization: _____

Mailing Address: _____

Age: _____ Gender (M/F): _____

Mobile: _____

Email: _____

Educational Qualifications: _____

Accommodation Required: Yes/ No

Signature of Applicant: _____

Sponsorship & signature of Head of the
College/ Institute (with date & seal)

**Form should be complete otherwise
application will be rejected.**